

**BY ORDER OF THE COMMANDER,
PACIFIC AIR FORCES**



TECHNICAL ORDER 00-20-14
PACIFIC AIR FORCES COMMAND
Supplement 1
15 APRIL 1993

Technical Manual

**AIR FORCE METROLOGY AND CALIBRATION
PROGRAM**

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This publication supplements T.O. 00-20-14, 30 June 1992, and is published in accordance with the provisions of T.O. 00-5-1. Personnel responsible for maintaining this publication in current status will make reference to this supplement on the title page of the basic publication. File this supplement behind the basic publication. This publication does not apply to Air National Guard (ANG) or US Air Force Reserve (USAFR) units and members. New or revised material is identified by an asterisk (*).

3-4j&k. Each request will also include the part number, serial number, ID number, date calibrated, current calibration interval, command and unit of owner/user, POC with DSN for owner/user, and a statement that the owner/user understands use of the TMDE beyond the original date due calibration lowers the established end-of-period (EOP) reliability (see paragraph 3-4 for EOP explanation) and the TMDE may operate with a degraded and unknown accuracy.

3-8r(3). The work center responsible for performing calibration and/or repair of torque-indicating devices is the Type II/III PMEL, except for those torque-indicating devices designated as Type IV PMEL or User responsibility.

4-1. PMEL will submit calibration assistance requests in the format outlined in paragraph 4-1b(3). PMELs will reply to each calibration assistance request via DD Form 173 message or Electronic-Mail within three duty days for a Priority 1 request, five duty days for a Priority 2 request, and 7 duty days for a Priority 3 request. An earlier response from another PMEL stating calibration support capability is available does not negate the requirement to reply within the required time.

5-2e. For off-base return shipments, a post date of up to 30 days may be entered to offset return transportation time. This 1 to 30-day post date will be based on expected or documented return shipping time by shipment destination.

5-2f (1) Any post dating must also be factored in.

5-5f. If an earlier edition of the form is used which does not contain the "INI" block, ensure sufficient/uncovered space remains at the end of the "ID NO" block for the required initials.

5-15. Use of this form to document a limited or special calibration, a NPC, or a CBU action is not required when an AFTO Form 99, Limited/Special TMDE Certification Label, or an AFTO Form 398, Limited TMDE Certification Label, is utilized. Non-use of the AFTO Form 163 does not delete the requirement for prior coordination between the performing work center and TMDE owner/user when initiating or changing any of the above calibration actions unless the action is directed by the calibration authority (T.O., etc). The TMDE owner/user may still use the form to convey calibration requirements to the performing work center. Existing AFTO Forms 163 will be discarded on an attrition basis as TMDE is processed through the performing work center and receives an AFTO Form 99 or 398.

5-15b. Periodic review is not required.

5-15d. The PWC is not required to file a copy.

5-17. Use of the form is authorized and encouraged. At a minimum, PMEL management will make the forms readily visible and available in the scheduling/receiving area to customers. PMEL will file their completed copy for a minimum of 12 months.

5-171. When rated unsatisfactory, PMEL will process Part II of the form within 10 duty days.

5-17m. When rated unsatisfactory, PMEL will process Part II of the form within 10 duty days.

7-4. TMDE Flight management will insure operating instructions (OI) are established which will maintain the entity of the Type II/III PMEL and Type IV PMEL for evaluation and operational purposes. At a minimum, the OI will address the calibration accuracy audit, quality assurance/total quality program, facility, and environmental control.

7-7d. (Added) If the PMEL is not fully certified in the final evaluation report, the PMEL Chief will provide a quarterly progress update via DD Form 173 message to the major command regarding the progress in correcting each problem/observation identified in the report. At a minimum, the update will include the following: each problem/observation identified in the evaluation report, action underway to correct each problem/observation, and the estimated correction date. When the correction of a problem/observation involves accomplishment of a Civil Engineering (CE) work order, the update should be coordinated with base CE. The quarterly update will be provided NLT the 15th day of March, June, September and December. This update will be required until the PMEL gains full certification.

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